

indicated as RT.

#### Example 2

With the exception of using 80 wt% of the epoxy acrylate resin composition used in Example 1 and 20 wt% of the unsaturated polyester resin composition (3) for the curable resin composition, using 51 parts of calcium carbonate (NS-100 having a mean particle size of 2.12 microns as calculated from specific surface area), 4 parts of hollow filler (Dualite-M6017AE manufactured by Pierce & Stevens Co., which has a volume of 50%, and a diameter of 90 microns) and 30 parts of calcium carbonate (R manufactured by Maruo Calcium Co., Ltd., which has a mean particle size of 7.4 microns as calculated from specific surface area) as fillers, using 2.3 parts of REOLOSIL QS-20L (manufactured by Tokuyama Co., Ltd.) as thixotropic agent, and adjusting the viscosity of the intermediate layer resin composition to 47.0 and the thixotropy to 6.5, evaluation was performed in the same manner as Example 1. Those results are shown in Table 1.

#### Example 3

With the exception of using 100 parts of the epoxy acrylate resin composition (1) for the curable resin composition and adjusting the viscosity of the intermediate layer resin composition to 47.0 and the thixotropy to 6.9, evaluation was performed in the same manner as Example 1. Those results are shown in Table 1.

#### Example 4

With the exception of using 57 parts of calcium carbonate (SS-80 manufactured by Nitto Funka Co., Ltd., which has a mean particle size of 2.6 microns as calculated from specific surface area) and 3 parts of hollow filler (Dualite-M6017AE manufactured by Pierce & Stevens Co., which has a volume of 50% and a diameter of 90 microns) as filler, and adjusting the viscosity of the intermediate layer composition to 30.0, the thixotropy to 6.5 and the gelation time to 25.5 minutes, evaluation was performed in the same manner as Example 3. Those results are shown in Table 1.

Table 1

	Example 1	Example 2	Example 3	Example 4
Curable resin composition	(1)/(2) = 45/55(%)	(1)/(3) = 80/20(%)	(1) 100(%)	(1) 100(%)
Elongation percent. (%)	28	5.0	7.0	7.0
Barcol hardness	60 (HBI-B)	40 (HBI-A) 76 (HBI-B)	36 (HBI-A) 75 (HBI-B)	36 (HBI-A) 75 (HBI-B)
Tensile strength (MPa)	15	64	75	75
HDT (°C)	RT	92	102	102
Amt. of filler (parts)				
Cal. Carb. SS-80	77		77	57
Cal. Carb. NS-100		51		
Cal. Carb. R		30		
Hollow filler*	3	4	3	3
Amt. of thixotropic agent (parts)	2.3 Aerosil #200	2.3 REOLOSIL QS20L	2.3 Aerosil #200	2.3 Aerosil #200
Intermediate layer composition:				
Viscosity	45.0	47.0	47.0	30
Thixotropy	6.7	6.5	6.9	6.5
Gelation time	7.5	7.0	6.5	25.5
Surface smoothness				
After demolding	20.5	20.6	20.5	20.2
After 72 hours	19.4	20.2	20.3	20.0
Cracking deflection (mm)	4.4	3.0	3.0	4.5
Remarks	Excellent surface smoothness no change over time. Larger deflection than past, excellent cracking resistance	Same as left	Same as left	Same as left

## Example 5

With the exception of using 80 parts of the epoxy acrylate resin composition (1) and 20 parts of the urethane acrylate resin composition (5) for the curable resin composition and adjusting the viscosity of the intermediate layer resin composition to 45.0 and the thixotropy to 6.8, evaluation was performed in the same manner as Example 1. Those results are shown in Table 2.

## Example 6

With the exception of using 80 parts of epoxy acrylate resin composition (1) and 20

parts of unsaturated polyester resin composition (6) for the curable resin composition, and adjusting the viscosity of the intermediate layer composition to 50.0 and the thixotropy to 6.9, evaluation was performed in the same manner as Example 1. Those results are shown in Table 2.

#### Example 7

With the exception of using 100 parts of unsaturated polyester resin composition (6) for the curable resin composition and adjusting the viscosity of the intermediate layer resin composition to 49.0 and the thixotropy to 7.1, evaluation was performed in the same manner as Example 1. Those results are shown in Table 2.

#### Example 8

With the exception of using 100 parts of epoxy acrylate resin composition (1) for the curable resin composition and adjusting the viscosity of the intermediate layer resin composition to 70.2 and the thixotropy to 6.5, evaluation was performed in the same manner as Example 1. Those results are shown in Table 2.

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